CITY OF NEWTON, MASSACHUSETTS

PURCHASING DEPARTMENT

purchasing@newtonma.gov Fax (617) 796-1227

March 25, 2011

ADDENDUM #1

INVITATION FOR BID #11-72

WOODLAND ROAD RECONSTRUCTION

THIS ADDENDUM IS TO: **Provide supplemental information:**

The attached (5 page) PDF file highlights four separate (4) borings conducted at various locations along the proposed sewer line in the proximity of Studio Road. This sampling was done for the express purpose of determining the depth of refusal at these randomly selected locations and is being provided as a courtesy to prospective bidders who are ultimately responsible for performing their own analytical process.

All other terms and conditions of this bid remain unchanged.

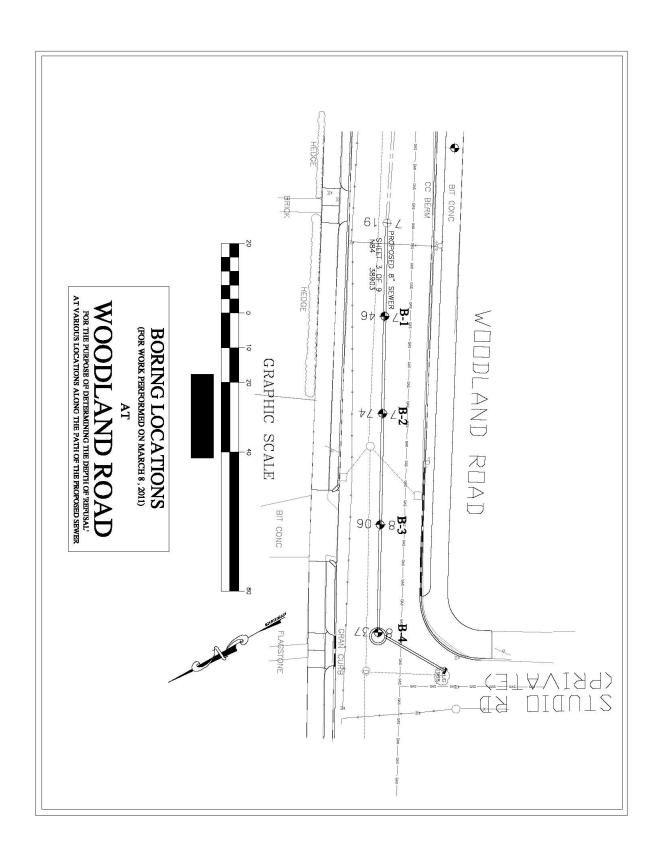
PLEASE ENSURE THAT YOU ACKNOWLEDGE THIS ADDENDUM ON YOUR BID FORM.

Thank you.

Rositha Durham

Chief Procurement Officer

Postla Durham



Geologic - Earth Exploration, Inc.						CLIENT:	City of Nev	wton			BORING#:
000,0	Gio	LUI GI LA	Piors	<u> </u>			PROJECT: Woodland Road				B-1
7 Sherwoo TEL (508)					folk, MA 02056 (508) 384-4452		LOCATION: Newton, MA				PAGE 1 OF 1
File #:		11029			3 soco	CASING	SAMPLER CC	ORE BARRE	EL Surface E	Elevation:	
Date Star	rted:	3/8/11			TYPE _	HSA	_SS_		Station:		
Date Con		0.00.04.4		76		3 1/4"					
Driller:	***	J. Galvin			HAMMER _		_140#_		Date	(3)	epth <u>N/A</u>
Site Rep.	ž.			- 10	FALL _		30''		Date _		epth
Depth			Sample	э		Strata		10.394			
Et.	No.	Depth ft	Pen. in	Rec. in	Blows/6"	****					
		0.0					3" of ASPHALT				
2 —						3.5					_
4 —	S-1	3.5-3.5	0	0	120/0		S-1 Bottom of explor	ration at 3.5	į.		
6 —							Auger Refusal a	ıt 3.5 feet			
8 —											
10 —											
12 —											
14 —											
16 —											
Э											
18 —											
20 —											
22 —											
\exists											
24 —											
Ground S	Surface	e to	used	25 23			then				
	roporti	ions Used			Cohesive Cor Blows	/ft -		Cohesionles Blow	vs/ft	Sample	
Trace Little		0 to 10% 10 to 20%			/ery Soft Soft		Stiff V-Stiff		Loose M-Dense	UP = Fixed UT = Shelb	
Some And		20 to 35% 35 to 50%	53				Hard	30-50	Dense V-Dense	OE = Open * = 300#1	End Rod
Note	es:						between soil types. It the completion of dr				
Ren	Remarks: NOTE: All soil descriptions are made in the field by the Drilling Foreman. No laboratory analysis were										

Geolo	gic	- Earth Ex	plore	ation,	Inc.	CLIENT:				7	BORING#:	
					=======================================	PROJEC	т: <u>Woodla</u> ı	nd Road				
7 Sherwoo TEL (508)					Folk, MA 02056 (508) 384-4452	LOCATIO	ON: <u>Newton</u> ,	MA			PAGE 1 OF 1	
File #:		11029				CASING		CORE BARREL	Surface	Elevation:	9	
Date Star	rted:	3/8/11				HSA	SS	0	Station:	<u> </u>		
Date Con	npleter				SIZE _	3 1/4"	_1 3/8''_	·	Ground	dwater level readings		
Driller:		J. Galvin			HAMMER _		_140#_	· · · · · · · · · · · · · · · · · · ·	Date		Depth <u>N/A</u>	
Site Rep.	.S			- 2	FALL _		30''	<u> </u>	Date	<u> </u>	Depth	
Depth			Sample			Strata Change		Sam	inle Desc	cription		
ft	No.	Depth ft	Pen. in	Rec. in	Blows/6"	ft	Sample Description					
_		0.0					3" of ASPHAL	LT				
20 1 20 1	1	I				'						
2 —	1 1					'						
_						'						
4 —						'						
_	1 1					'						
6 —	1 1	I				'						
-						'						
_						'						
8 —						8.5	Pottom of ev	ploration at 8.5'				
	1 1	I				'	BOLLOIII OI CAL	Moration at 0.5				
10 —	1	I				'	Auger Refusa	al at 8.5 feet				
_	1	I				'						
12 -						'						
	1					'						
14 —						'						
10.						'						
						'						
16 —	1 1					'						
_	1					'						
18 —						'						
						'						
20 —	1					'						
	1 1	I				'						
22 —						'						
						'						
		I				'						
24 —	1	I				'						
Ground S	·urfac(- 10	used		<u></u>		then					
Ground	uriace	: 10	useu		Cohesive Con		tnen	Cohesionles	s Density			
	roporti	ons Used	-		Blows/	/ft	O::E	Blows		Sample UD = Fixed		
Trace Little		0 to 10% 10 to 20%			/ery Soft Soft		Stiff V-Stiff		Loose M-Dense	UP = Fixed UT = Shelb		
Some		20 to 35% 35 to 50%	;	5-8 N	M-Stiff :	31+ F	Hard		Dense	OE = Open * = 300#	End Rod hammer	
And		N 10 W 10 10 10 10 10 10 10 10 10 10 10 10 10	tion lines	ranraser	ot the approxima	to boundary	hatwaan sail tyne	es. The transition r	V-Dense may be gradi		nammer	
Note	es:	2. Water level re	eadings w	were mad	le in the drill hole	e during or at	t the completion o	of drilling. The water	ter level may	/ fluctuate over time.		
Rem	Remarks: NOTE: All soil descriptions are made in the field by the Drilling Foreman. No laboratory analysis were performed for this purpose.											

Geolo	ogic - Earth Ex	xploration.	Inc.	CLIENT:	BORING#:				
	, g.o	(proration,		PROJECT: Woodland Road					B-3
5/5/2000				LOCATION: Newton, MA					PAGE
7 Sherwo TEL (508)	od Drive) 384-4434		folk, MA 02056 (508) 384-4452	LOCATIO	JIV	.,			1 of 1
File #:	_11029			CASING	SAMPLER	CORE BARRE	EL Surface Elev	vation:	L
Date Star	0.00.01.4	3	TYPE _	HSA	SS		Station:		
Date Cor	npleted: <u>3/8/11</u>	2	SIZE _	3 1/4"	1 3/8"	0	Groundwate	er level readings	
Driller:	J. Galvir	ı .	HAMMER _		140#				epth N/A
Site Rep.	<u> </u>	7	FALL _		30''		Date	D	epth
Depth		Sample		Strata Change		Sai	mple Descripti	ion	
ft	No. Depth ft	Pen. Rec.	Blows/6"	ft		Sai	ilibie Describii	ЮП	
2 — 4 — 6 — 10 — 12 — 14 — 16 — 20 — 22 — 24 — 24 — 24 — 24 — 24 — 24	0.0			8.4		ploration at 8.4	,		
24 — Ground S	Surface to	used	I		then				
Cohesive Con-					gerative a	Cohesionle		020 (0100	17 - 77-64-61
Proportions Used E Trace 0 to 10% 0-2 Very Soft Little 10 to 20% 3-4 Soft Some 20 to 35% 5-8 M-Stiff And 35 to 50% 5-8 M-Stiff			Soft	9-15 16-30	Stiff V-Stiff Hard	0-10 10-30 30-50 50+	vs/ft Loose M-Dense Dense V-Dense	Sample UP = Fixed UT = Shelb OE = Open * = 300#	Piston y Tube End Rod
Note	1. The stratifica	ation lines represe				es. The transition	n may be gradual.		nammet
Note Ren	norks, NOTE: All	100	ons are ma				ater level may flucti eman. No lab	poratory analysi	s were

Geolo	gic	- Earth Ex	plore	ation,	Inc.	CLIENT:				2	BORING #:		
						PROJEC	r: <u>Woodlar</u>	nd Road			-		
7 Sherwoo TEL (508)					Folk, MA 02056 (508) 384-4452	LOCATIO	ON: <u>Newton</u> ,	MA			PAGE 1 OF 1		
File #:		11029		- 2	ı	CASING	SAMPLER	CORE BARREL	Surface	Elevation:	3		
Date Star	rted:	3/8/11			TYPE _	HSA	SS	0	Station:	\$2			
Date Con	npleter				SIZE _	3 1/4"	_1 3/8''_		Ground	water level readings			
Driller:		J. Galvin			HAMMER _		_140#_		Date	3/8/11	epth <u>N/A</u>		
Site Rep.	<u>:</u>				FALL _		30"		Date		epth		
Depth			Sample			Strata Change		San	nle Desc	rintion			
ft	No.	Depth ft	Pen. in	Rec. in	Blows/6"	ft							
_		0.0	1				3" of ASPHA	.LT					
20 20	1		'										
2 —		I	'										
_		I	'										
4 —	1		'										
	1 1	I	'										
6 —	1	I	'										
_		I	'										
	1		'			7.8		W G 9960PM					
8 —	1	I	'				Bottom of exp	ploration at 7.8'					
_	1	I	'				Auger Refusa	ol at 7 9 feet					
10 —			'				Auger Relusa	dat /.o reet					
_		I	'										
12 —			'										
	1	I	'										
14 —		I	'										
- 11		I	'										
1500		I	'										
16 —	4 1		'										
_	1 1	I	'										
18 —		I	'										
	1	I	'										
20 —	1		'										
	1	I	'										
22 —		I	'										
		I	'										
	1	I	'										
24 —		I	'										
Oraund S	`rfo.o.	- 1-2	usad		<u> </u>		M. S.S.						
Ground S	ипасе	10	used		Cohesive Cor		then	Cohesionles	s Density				
	roporti	ons Used			Blows/	/ft	Ovies	Blows		Sample			
Trace Little		0 to 10% 10 to 20%			/ery Soft Soft		Stiff V-Stiff		Loose M-Dense	UP = Fixed UT = Shelb			
Some		20 to 35%	;	5-8 N	M-Stiff	31+ F	Hard		Dense	OE = Open			
And		35 to 50%	Alam Basas				between soil type		V-Dense	-	hammer		
Note	es:	2. Water level re	eadings w	vere mad	le in the drill hole	e during or at	t the completion of	of drilling. The wat	er level may	fluctuate over time.			
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